

STATE OF ALABAMA
INVITATION TO BID

PART I

WATER TREATMENT CHEMICALS AND TECHNICAL CONSULTING SERVICES
(BOILERS AND AIR CONDITIONING SYSTEMS)

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PART II

EQUIPMENT

To provide necessary equipment and in the installation of such equipment in those buildings needing equipment to adequately treat water system (boilers and air conditioning systems) including replacement of any present inadequate equipment now in place.

The Preceding specifications are applicable to the following buildings:

1. **Gordon Persons Building**
2. Folsom Administrative Building
3. Public Safety Building
4. Archives & History Building
5. State House Building
6. L.B.Wallace State Office Building
7. Governor's Mansion
8. First White House

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PART I

WATER TREATMENT CHEMICALS AND TECHNICAL CONSULTING SERVICES(BOILERS AND AIR CONDITIONING SYSTEMS)Section 1 Special ConditionsPURPOSE

To establish a 12 month contract with the option to issue a 2nd, 3rd, 4th, and 5th 12 month contract, providing each facility listed herein with Technical Consulting Services for Industrial Water Treatment and all water treatment chemicals necessary to implement a prescribed full service program in accordance with the specifications, terms and conditions listed herein.

SCOPE

This contract includes furnishing all Industrial Water Treatment Chemicals required to properly treat boilers and air conditioning systems, except as noted in these specifications. The contract shall also include all technical consulting services and testing as specified herein. Failure to provide proper water treatment chemicals and/or technical consulting services may result in the contractor being found in default in which case any and all reprourement cost may be charged against the defaulting contractor. This contract will be a full service contract to include the bidder preparing and dispensing chemicals into the system.

Technical Services: All technical consulting services and testing are included in this bid at no additional charge

CONTRACT PERIOD

12 month contract with the option to issue a 2nd, 3rd, 4th, and 5th 12 month contract with the same pricing, terms, and conditions. The rollover contract, if agreed on by both parties, would begin the day after existing contract expires. Any successive contract must have written approval of both the State and vendor no later than 30 days prior to the expiration of the previous contract.

AVAILABILITY OF FUNDS

Continuation of any agreement between the State and a bidder beyond a fiscal year is contingent upon continued legislative appropriation of funds for the purpose of this bid and any resulting agreement. Non-availability of funds at any time shall cause any agreement to become void and unenforceable and no liquidated damages shall accrue to the State as a result. The state will not incur liability beyond the payment of accrued agreement payment.

EXAMINATION OF SPECIFICATIONS AND SITE

Bidder shall inspect the equipment at each facility prior to submitting their bid and shall obtain a signed statement from Rex Simms that the equipment and facilities requiring treatment have been

inspected by bidder. See Certification of Inspection in the Special Terms and Conditions Section of the bid. **Site inspections will be conducted one time, at a pre-determined date only.**

AWARD

The award shall be made "all or none" to the lowest responsible bidder meeting all specifications.

LIST OF CHEMICALS

Bidder must attach a separate sheet of estimated chemicals and the quantities of each chemical estimated to be used at each building in order to adequately maintain that building's boiler and air conditioning system in accordance with industry standards.

PLEASE SEE ATTACHED SHEET AT BACK OF PROPOSAL REFERENCING WORK TO BE
DONE AT THE ARCHIVES & HISTORY NEW CENTRAL PLANT.

PRICE FOR THIS WORK WILL BE INCLUDED AS PART OF YOUR OVERALL BID.

THIS WORK MUST BE COMPLETED WITHIN 60 DAYS OF AWARDED CONTRACT.

Section 2 General Conditions

2.1 Bidders are required to furnish policies or certificates of insurance as follows:

Vendor must have a minimum of \$1,000,000.00 liability coverage with a minimum of \$1,000,000.00 Premises and Operations Exposure and minimum of \$1,000,000.00 Products and Completed Operations aggregate. Vendor must also have Worker's Compensation coverage in accordance with the laws of the State of Alabama. It is the bidder's responsibility to ensure that coverages required are clearly identified on the insurance certificate(s) provided with the bid. Insurance must be in effect for the entire contract period. Insurance certificate(s) must be submitted with the bid, or the bid will be rejected.

2.2 All products, testing equipment, chemical feed, and bleed equipment will be FOB destination.

2.3 Awarded vendor shall dispose of all empty chemical drums from state property. (This does not include drums on property prior to this contract.)

2.4 Bidder must comply with all conditions set forth by EPA, OSHA, FDA, and USDA to make certain that products and techniques are proper, safe and legal. Products must be registered with the State of Alabama Department of Agriculture and Industries at the time of the bid opening in accordance with the above agencies' requirements. Bidder should submit with the bid documentation of licensure/certification or other form of approval to operate the vendor's corporate laboratory with regard to analyses required in 4.1 of this bid. Documentation may be required before award is made.

2.5 All laboratory requests, as set forth in section 3.1.4 and 4.1, will be performed as requested by the State of Alabama and at no additional cost to this contract.

2.6 Awarded vendor shall maintain a 24 hours per day, 7 days per week telephone contact in the event of a chemical spill or personnel emergency; and respond to emergency calls within 24 hours.

2.7 The bidder's chemical treatment program shall be designed and administered for maximum energy efficiency so as to prevent scale formation, minimize corrosion of feed water cycle and system parts, maintain the system free of sludge buildup, and require minimum blow down. When chemical treatment program fails to perform, the contractor shall be responsible for cleaning the system and taking necessary corrective action to preclude future problems at no additional cost to the using facility or vendor will be held in default.

2.8 Awarded vendor must have full-time chemist in charge of laboratory to assist field service representative and supervise laboratory testing.

2.9 All documentation showing EPA registration numbers of products to be used in this bid should be provided with the bid. This information may be required before award is made. Attach additional sheet if necessary.

Section 3: Service Requirements and Qualifications

3.1 Field Services

3.1.1. Primary field service representative The primary field service representative shall have a Bachelor of Science degree in chemistry or a related science field. He/she must have a minimum of ten (10) years experience directly related to field service of water treatment.

3.1.2 References from at least three (3) customers of the service representative must be listed. These references must be in the State of Alabama.

3.1.3 Bidder's field service representative shall be present each time equipment is opened for inspection; coordinate equipment inspections. The owner will notify the technical representative at least forty-eight (48) hours prior to opening equipment for inspection.

3.1.4 Awarded vendor is responsible for initiating all tests required to assure that treatment of systems is in accordance with recognized procedures as accepted by industry standards. The field service representative is responsible for providing the user with results of all laboratory tests that verify the correctness of recommendations and the treatment of the equipment is administered properly. These tests are considered as free consultant services. Tests should be on a monthly basis.

3.2 Reports and Service Schedule Service calls will be performed at least twice per month. At least once per month, all running systems will be analyzed and a written report filed with the designated State of Alabama official. On a second visit, the service representative will "walk through" all operating plants to verify proper system performances.

3.3 A three ring binder shall be furnished to Rex Simms and Lee Snell, and all reports are to be filed at each service visit, unless other arrangements are made.

3.4 A quarterly report shall be provided to Rex Simms and Lee Snell detailing program gains and problem areas.

3.5 During normal business hours (M-F, 8-5), field rep must respond on site within 2 hours of call placed by Rex Simms or Lee Snell for service. Violation of these 2 hour window could result in termination of contract.

3.6 The successful bidder must be a company whose primary business is providing water treatment products and services, and have been in business a minimum of 10 years.

Section 4 Company Qualifications

4.1 The successful bidder must have a certified corporate laboratory or contracted independent laboratory capable of performing the following analyses.

Comprehensive wet chemical analysis
Ion chromatography
Atomic absorption spectrophotometry
Zeolite resin evaluation
Total organic compound
Crystallography
Microbiological studies
Infrared spectroscopy
Gas chromatography
Corrosion coupon analyses
Scale and deposit analyses

4.2 Bidder to list below all of the analyses in 4.1 to be performed by the corporate laboratory:

4.3 Bidder to list below all of the analyses in 4.1 to be performed by an independent laboratory:

NOTE: All of the analyses in 4.1 are requirements of this bid. Analyses performed by an independent laboratory will be at no additional charge to the State of Alabama.

4.4 Bidder shall submit to Rex Simms and Lee Snell laboratory report showing analysis required in section 4.1 when performed.

4.5 Name, address, telephone number (including area code) and contact person at independent laboratory intended by the bidder to be used in relation to this bid.

Note: See 2.4 through 2.9

4.6 The successful company must be ISO 9002 certified.

Section 5 Products and Program Rationale

5.1 Program Rationale Corrosion and Scale inhibiting residuals will be maintained in all systems at "industry standard" levels to guarantee proper inhibition. All efforts will be made to maximize cycles of concentration in both boiler and cooling waters. For example, boiler water will be maintained at a minimum of 10 cycles. Biocides will be added at the safe, legal dose amount as specified by the EPA registration. The amounts added must be specified on each service report.

5.2 In addition to obvious performance standards, no scale, corrosion, or biological growth in the systems, vendor will be subject to "outside" evaluation of over-all program performance.

5.3 Boiler Products Product selection for (1) alkalinity builders, (2) calcium "agents" (3) oxygen scavengers, and (4) steam line treatments are left to the discretion of the vendor. However, under no circumstances will chelants, hydrazine or filming amines be used in any of the systems

5.4 Cooling Tower Corrosion and scale inhibiting chemicals are left to the discretion of the vendor.

5.5 Chilled Water Corrosion inhibiting chemicals are left to the discretion of the vendor.

5.6 Biocides Alternating biocides will be used for the cooling tower systems.

5.7 All products and techniques must comply with EPA, OSHA, FDA, and USDA requirements.

If Products are found to be ineffective during the contract period, any new products not listed in this bid must comply with EPA, OSHA, FDA and USDA requirements before the product can be used.

NOTICE: BOTH Technical Data Sheets AND Material Safety Data Sheets should accompany bid or the bid may be rejected. This information will be required before award is made.

5.8 Corrosion coupon analysis must be performed on a annual basis on all cooling tower systems.

Section 6

PRICE PAGE

The preceding specifications are applicable to the following buildings. This bid includes all cooling towers, chilled water loops, all steaming boilers, and all hot water boilers in these buildings.

1. Gordon Persons Building
2. Folsom Administration Building
3. Public Safety Building
4. Archives & History Building
5. State House Building
6. Lurleen B. Wallace State Office Building
7. Governor's Mansion
8. The First White House

My total bill for all system is _____ per year.

Payment will be made in twelve installments at the rate of _____ per month.

Company Name _____

Address _____

Zip Code _____

Telephone: _____

Person authorized to sign bid _____

Signature _____

Date _____

Individual pricing per each building must be recorded on the price page of the Invitation to Bid.

Section 7

BIDDER'S QUESTIONNAIRE

NOTE: The following information will be used in the evaluation process; therefore, it should be returned with the bid. It will be required before award can be made.

1. Bidder _____
Company Name

Complete Address
(Physical and mailing address):

Telephone # () _____

2. Length of time your company has been in the Industrial Water Treatment business: _____
Years.

3. Complete address of bidder's corporate laboratory with a full-time chemist and apparatus to perform complete analyses as required in Section 4:

4. Telephone number of corporate laboratory: () _____

5. Name of full-time chemist(s): _____

6. Degree earned: _____

7. Years of water treatment laboratory experience: _____

8. Name of Field Service Representative primarily responsible for locations in this bid:

9. Degree earned: _____

10. Years of experience directly related to field service of water treatment systems: _____

11. Does Vendor formulate his own products? _____ (Yes/No)

12. If no, name and address of formulator: _____

13. List the name and business telephone number of references at the three facilities with the largest Industrial Water Treatment Program currently being serviced by your firm in the State of Alabama:

A. Name: _____

Address: _____

Contact Person: _____

Telephone: (_____) _____

B. Name: _____

Address: _____

Contact Person: _____

Telephone: (_____) _____

C. Name: _____

Address: _____

Contact Person: _____

Telephone: (_____) _____

Section 2 Equipment Listing

1. Upon inspection of all equipment at each building listed in Part 1, Section 6, bidder is to submit in Part II, Section 2, a list of all equipment currently in place and additional equipment, if any, needed to fulfill proper water treatment requirements of this bid.

NOTE: Any additional equipment necessary for fulfillment of this contract will be provided by the awarded vendor at no additional cost to the state.

2. The equipment deemed necessary to fulfill proper water treatment requirements is as follows:

Building #1 **Gordon Persons Building**

Building #2 **Folsom Building**

Building #3 **Public Safety Building**

Building #4 **Archives & History Building**

Building #5 **State House Building**

Building #6 Lurleen B. Wallace State Office Building

Building #7 Governor's Mansion

Building #8 The First White House

Boiler Chemical Feed upgrade at Archives and History – Central Plant

The existing boiler chemical feed shall be removed by the successful bidder and taken from the property. This includes all existing chemical feed lines to the boilers and feedwater tank.

The new system shall be comprised of the following components. Bid shall include all labor for removal of existing equipment and installation of new chemical feed system.

- 1 Chemical feed pumps shall be mounted on a 2' by 4' polypro panel immediately behind the existing chemical feed pumps.
- 2 Chemical feed pumps shall be metering pumps, Walchem EZ series, or equivalent.
- 2 Chemical feed pumps shall be compatible with alkaline products, phosphate, sulfite and amines.
- 3 Chemical feed lines to the boilers and feedwater tank shall be 3/8" stainless steel with appropriate fittings.
- 4 Chemical injection to the boilers and feedwater tanks must have stainless steel injection fittings with ball checks.
- 5 Double containment units shall hold minimum of 55 gallons, high density polyethylene with no access between the inner tank and the containment vessel, with 8" twist on manway, 2" spin well fitting with threaded plug. Must be rated at 140 degrees F.